

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Fumikazu Shimoshikiryoh

U.S.S.N.: Not Yet Assigned

Group: Not Yet Assigned

FILED: Herewith

Examiner: Not Yet Assigned

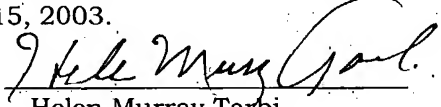
FOR: NEMATIC LIQUID CRYSTAL DISPLAY DEVICE WITH MULTI-DOMAIN
PIXELS

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF EXPRESS MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service, in an envelope as "Express Mail Label No. EV 343731601 US addressed to Mail Stop Patent Application, the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on July 15, 2003.

By:


Helen Murray Tarbi

**INFORMATION DISCLOSURE STATEMENT
(SUBMISSION WITH FILING OF AN APPLICATION)**

Sir/Madame:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicant hereby submits an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- a. ☐ Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b. ☒ Each of the patents, publications or other information listed on the attached PTO-1449 was previously cited by or submitted to the USPTO in connection with U.S.S.N. 09/342,776, to which the subject application claims the benefit of the earlier filing date. As such, a copy of each is not included herewith pursuant to 37 C.F.R. § 1.98(d).

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. ☒ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows/ were previously submitted to the USPTO in the case where II.b is checked above:

- ☐ English translation for references _____.
- ☐ English abstract for references _____.
- ☐ English translation of search report/ official communication.
- ☐ Copy of PCT/EPO Search Report.

- c. ☐ The following additional information is provided for the Examiner's consideration:

- ☐ Copy of EPO Search Report.
- ☐ Copy of PCT Search Report.
- ☐ Copy of Official Communication from the _____ Patent Office.
- ☐ English translation of search report/ official communication.
- ☐ Copy of _____.

FEES

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)
(check one box)

- a. ☒ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.

- b. _____ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.
- c. _____ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. _____ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).
- or
- b. _____ See the certification below. No fee is required.

VI. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

- a. _____ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS;
or
- b. _____ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. _____ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart

Attorney Docket No. 49185 CON (70840)
foreign application or, to the best of my knowledge after making
reasonable inquiry, was known to any individual designated in 37
C.F.R. § 1.56(c) more than three months prior to the filing of this
statement.

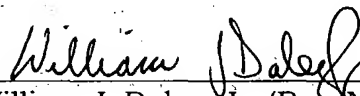
VII. FEE PAYMENT (check one)

- ☐ Enclosed please find a check in the amount of \$180.00 for the above-
indicated fee.
- ☐ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the
above-indicated fee.
- ☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to
contact the undersigned. If it is determined that this IDS has been filed under the wrong
rule, the PTO is requested to consider this IDS under the proper rule, with a petition if
necessary, and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

Date: July 15, 2003


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Tel: (617) 439-4444

Information Disclosure Stat ment PTO - 1449	Atty. Docket No. 49185 CON (70840)	Serial No. 09/342,776
	Applicant(s): Fumikazu Shimoshikiryoh	
	Filing Date June 29, 1999	Art Unit 2871

UNITED STATES PATENT DOCUMENTS

Exam. Initials	Ref. No.	Document Number	Date	Name	Class	File Date
	A1	6,141,074	10/2000	Bose, et al.	349	129
	A2	6,025,958	2/2000	Yamaoka, et al.	359	494
	A3	5,237,438	8/1993	Miyashita, et al.	359	73
	A4	5,745,206	4/1998	Koike, et al.	349	129
	A5	5,956,110	9/1999	Fujita, et al.	349	118

FOREIGN PATENT DOCUMENTS

Exam. Initials	Ref. No.	Document Number	Date	Country or Office	Class	English Abstract
	B1	JP-05289097-A	11/1993	Japan	G02F/1/1347	
	B2	JP-04-258923	9/1992	Japan	G02F/1/1335	

OTHER DOCUMENTS (INCL. TITLE, AUTHOR, DATE, PAGES, ETC)

Exam. Initials	Ref. No.	

Examiner: _____ Date: _____

FORM PTO-1449				ATTY DOCKET NO.		SERIAL NO.	
INFORMATION DISCLOSURE STATEMENT				49185(840)		09/342,776	
				APPLICANT(S) : F. Shimoshikiryoh			
				FILING DATE: June 29, 1999		ART UNIT: 2872	
UNITED STATES PATENT DOCUMENTS							
EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPR
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	5-289097	11/5/93	Japan			See Abstract of Relevant Passages
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)							
Examiner:				Date:			

Information Disclosure Statement PTO - 1449	Atty. Docket No 49185 (70840)	Serial No. 09/342,776
	Applicant(s): F. Shimoshikiryo	
	Filing Date June 29, 1999	Art Unit 2871

FOREIGN PATENT DOCUMENTS

Exam. Initials	Ref. No.	Document Number	Date	Country or Office	Class	
	B1	05-061038	3/12/1993	Japan		
	B2	05-289097	11/5/1993	Japan		
	B3	05-323289	12/7/1993	Japan		
	B4	07-333617	12/22/1995	Japan		
	B5	08-240714	9/17/1996	Japan		
	B6	07-191313	7/28/1995	Japan		
	B7	09-101515	4/15/1997	Japan		
	B8	09-105932	4/22/1997	Japan		
	B9	09-171177	6/30/1997	Japan		
	B10	09/203894	8/5/1997	Japan		
	B11	10/003081	1/6/1998	Japan		

OTHER DOCUMENTS (INCL. TITLE, AUTHOR, DATE, PAGES, ETC)

Exam. Initials	Ref. No.	

Examiner:	Date:
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